



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Hirohisa TANAKA et al.

Group Art Unit: 1754

Application No.: 10/520,823

Examiner: NGUYEN, Cam. N.

Confirmation No.: 5058

Attorney Docket No. 71465.0012

Filed: January 7, 2005

Customer Number: 57362

For: METHOD FOR PRODUCING EXHAUST GAS PURIFYING CATALYST

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**INFORMATION DISCLOSURE STATEMENT**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sirs:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the U.S. Patent and Trademark Office is hereby directed to the references listed on the attached Forms PTO/SB/08A and SB/08B. It is requested that the information on Forms PTO/SB/08A be considered during the prosecution of this application, and that the references be made of record and appear among the "References Cited" on any issued patent.

Copies of the documents cited on the PTO Forms SB/08A and SB/08B are submitted herewith.


The listed documents were cited in one or more of the following co-pending related applications 10/519,980, 10/520,068, 10/520,824, 10/520,520.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise

remove any listed document as a competent reference against the claims of the present application.

This Information Disclosure Statement is being filed before receipt of a Final Action, Notice of Allowance or Quayle Action. The Commissioner is authorized to charge the fee under 1.17(p) of \$180 per the enclosed fee transmittal to Deposit Account No. 50-0951.

Respectfully submitted,



Jean C. Edwards, Esq.  
Registration No. 41,728

by

Sean L. Ingram, Esq.  
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**Date: March 10, 2006**

PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Complete if Known**

Application Number	10/520,520
Filing Date	January 7, 2005
First Named Inventor	Hirohisa TANAKA
Art Unit	1754
Examiner Name	Cam N. NGUYEN
Attorney Docket Number	71465.0012

Sheet	2	of	4
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		JP H03-186346	08-14-1991	Daihatsu Motor		✓
		WO 2004-004899 A1	01-15-2004	<not available>		✓
		JP H5-509033	12-16-1993	Specialities en Tech...		✓
		JP 61-191518	08-26-1986	Nippon Soda Co., Ltd.		✓
		JP 2000-015097	01-18-2000	Toyota Motor Corp.		✓
		JP 2000-042368	02-15-2000	Nissan Motor		✓

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to office. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	10/520,520
Filing Date	January 7, 2005
First Named Inventor	Hirohisa TANAKA
Art Unit	1754
Examiner Name	Cam N. NGUYEN
Attorney Docket Number	71465.0012

Sheet	3	of	4
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		JP 61-232217	10-16-1986	Nat'l Inst. for Res...		<input checked="" type="checkbox"/>
		JP H3-068451	03-25-1991	Toyota Motor Corp.		<input checked="" type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

**Examiner  
Signature**

Date  
Considered

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/520,823
		Filing Date	January 7, 2005
		First Named Inventor	Hirohisa TANAKA
		Art Unit	1754
		Examiner Name	Cam N. NGUYEN
Sheet 4	of 4	Attorney Docket Number	71465.0012

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		NOLVEN GUILHAUME and MICHAEL PRIMET, "Three-Way Catalytic Activity and Oxygen Storage Capacity of Perovskite LaMn <sub>0.976</sub> Rh <sub>0.024</sub> O <sub>3+δ</sub> ", 1997, page 197-204, volume 165,	
		HIROHISA TANAKA et al. "Perovskite Shokubai eno Kikinzou Tanji Koka" Shokubai Toronkai Toronkai A Yokoshu, vol. 88, 2001, page 112	
		NABUHIKO KAJITA et al. "Regeneration of Precious Metals in Various Designed..." SAE Technical Paper Series, SAE World Congress, Detroit Michigan, March 4-7, 2002.	

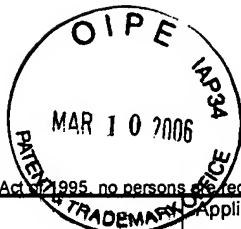
Examiner Signature		Date Considered	
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IFW

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/520,823
Filing Date	January 7, 2005
First Named Inventor	Hirohisa TANAKA
Art Unit	1754
Examiner Name	Cam N. NGUYEN
Attorney Docket Number	71465.0012

### ENCLOSURES (Check all that apply)

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Forms SB08A and SB08B with 17 cited foreign references |
|--|--|---|

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Akerman Senterfitt		
Signature			
Printed name	Jean C. Edwards, Esq. by Sean L. Ingram, Esq. - 48,283		
Date	March 10, 2006	Reg. No.	41,728

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

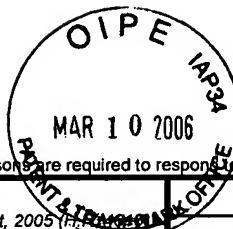
Signature

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Date

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PTO/SB/17 (01-06)

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 2636)

# FEE TRANSMITTAL

## For FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number	10/520,823
Filing Date	January 7, 2005
First Named Inventor	Hirohisa TANAKA
Examiner Name	Cam N. NGUYEN
Art Unit	1754
Attorney Docket No.	71465.0012

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 50-0951 Deposit Account Name: Akerman Senterfitt

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION** (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

	Small Entity	Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims** **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

- 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims** **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

- 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

	Small Entity	Fee (\$)
Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): one month extension of time fees (1251) 180.00**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 41,728	Telephone 202-824-1791
Name (Print/Type)	Jean C. Edwards, Esq. by Sean L. Ingram, Esq. - 48,283	Date March 10, 2006	

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